



www.estesrockets.com

ESTES INDUSTRIES  
1295 H Street  
Penrose, CO 81240

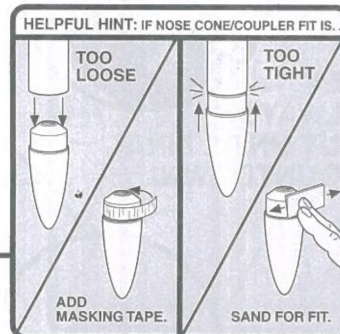
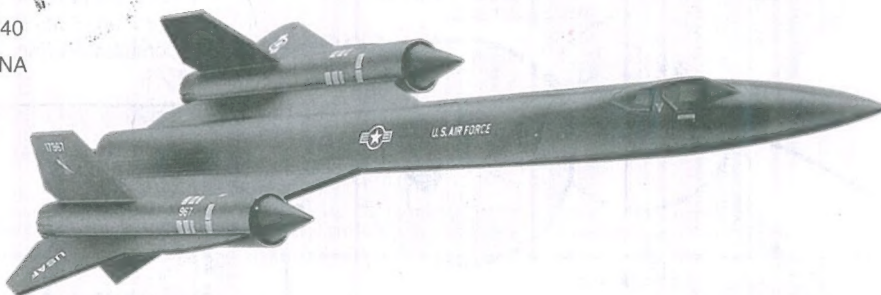
PRINTED IN CHINA

# SR-71 BLACKBIRD™

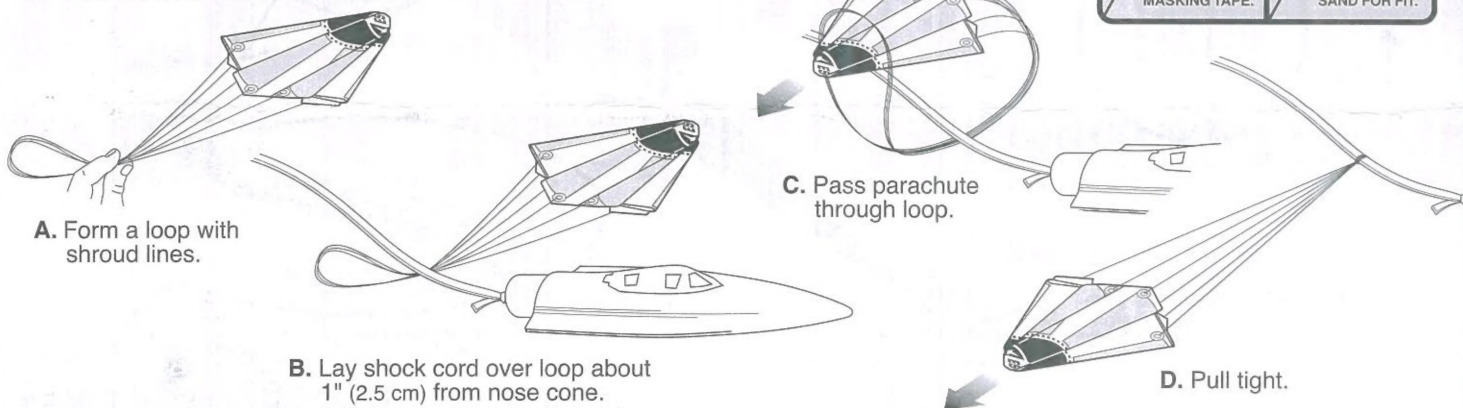
FLYING MODEL ROCKET INSTRUCTIONS

KEEP FOR FUTURE REFERENCE

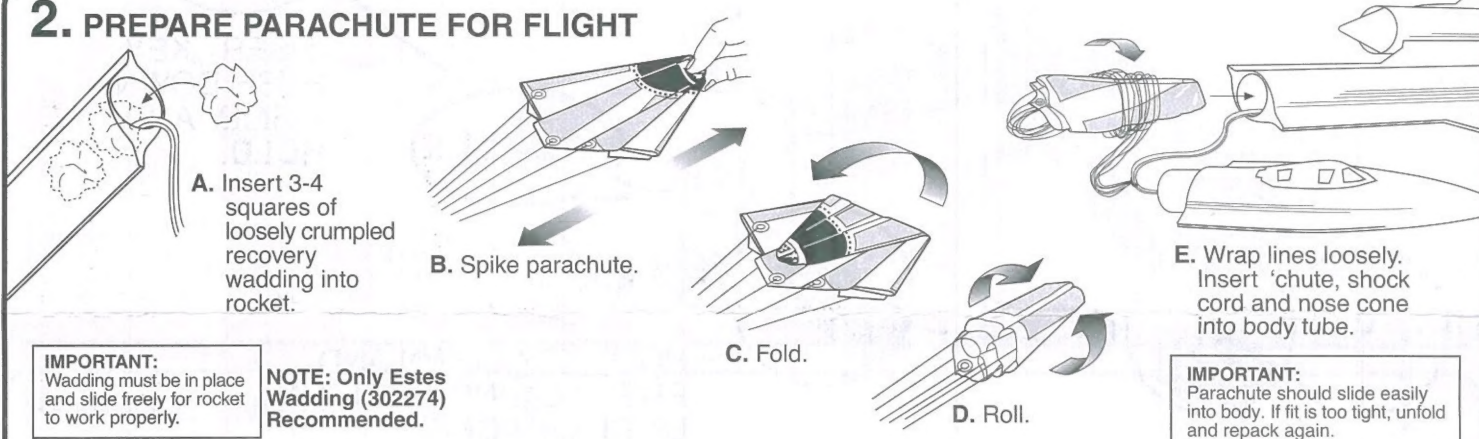
OPERATION  
SEARCH & DESTROY  
#1886



## 1. ATTACH PARACHUTE



## 2. PREPARE PARACHUTE FOR FLIGHT



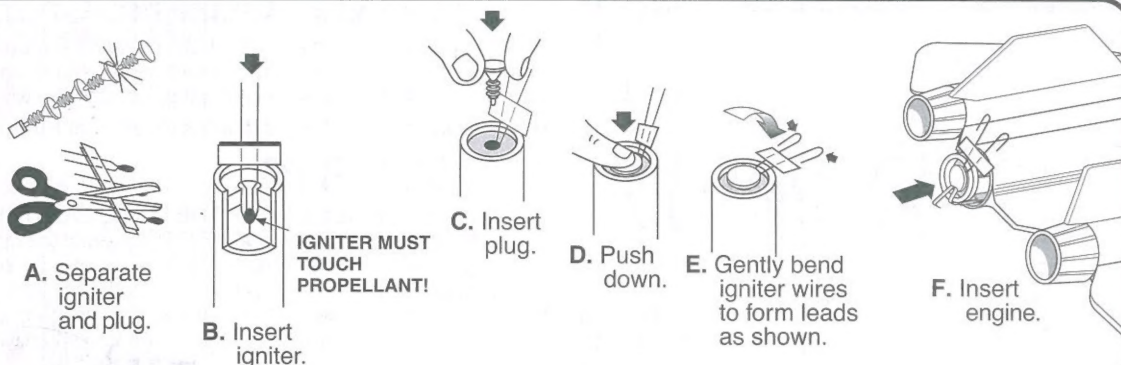
## PREPARE ENGINE

### ⚠ WARNING: FLAMMABLE

To avoid serious injury, read instructions & NAR Safety Code included with engines.

**PREPARE YOUR ENGINE ONLY WHEN YOU ARE OUTSIDE AT THE LAUNCH SITE PREPARING TO LAUNCH!**

If you do not use your prepared engine, remove the igniter before storing your engine.





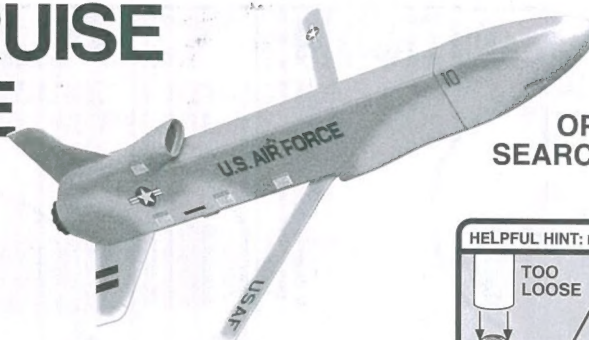


www.estesrockets.com

ESTES INDUSTRIES  
1295 H Street  
Penrose, CO 81240  
PRINTED IN CHINA

# AGM-86™ CRUISE MISSILE

FLYING MODEL ROCKET  
INSTRUCTIONS  
KEEP FOR FUTURE  
REFERENCE

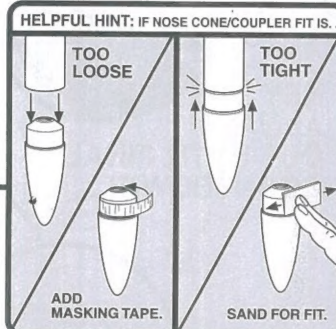
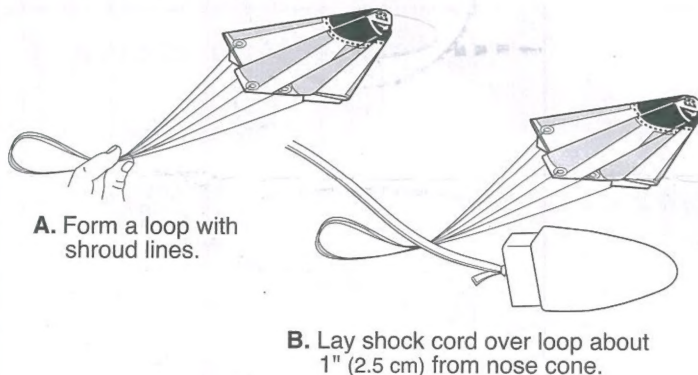


OPERATION  
SEARCH & DESTROY  
#1886



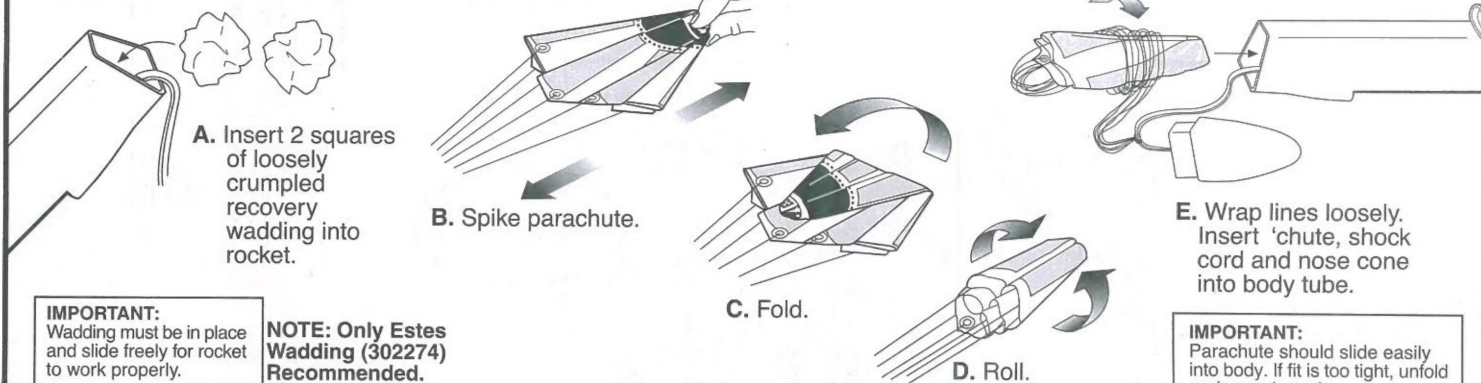
Produced under license from Boeing Management Company. Boeing, McDonnell Douglas, McDonnell, Douglas, North American Aviation and their distinctive liveries, logos, and product markings are among the trademarks owned by Boeing.

## 1. ATTACH PARACHUTE



**D.** Pull tight.

## 2. PREPARE PARACHUTE FOR FLIGHT



**IMPORTANT:**  
Wadding must be in place and slide freely for rocket to work properly.

**NOTE:** Only Estes Wadding (302274) Recommended.

**IMPORTANT:**  
Parachute should slide easily into body. If fit is too tight, unfold and repack again.

## PREPARE ENGINE



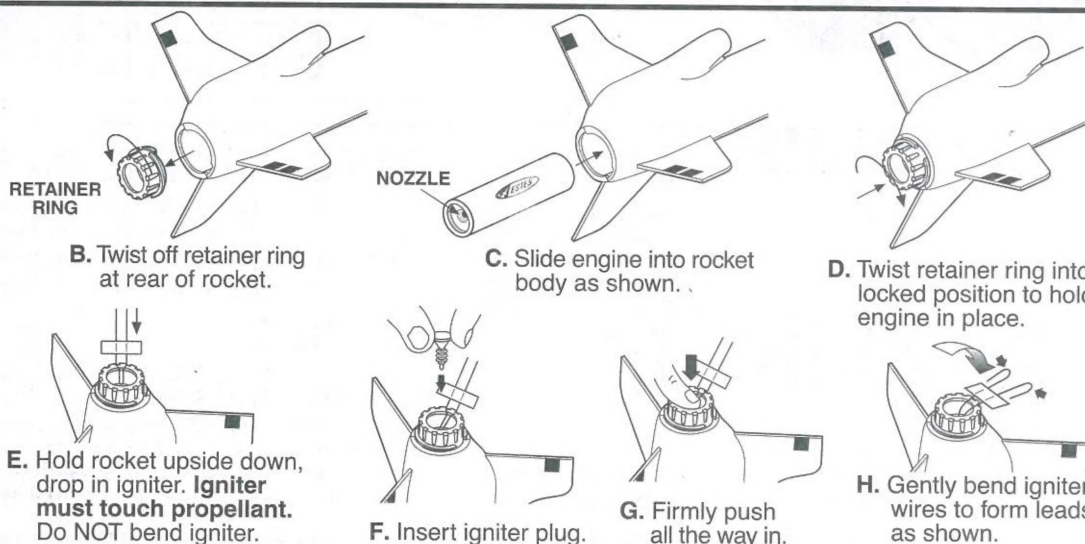
**A.** Separate igniter and plug.

### ⚠ WARNING: FLAMMABLE

To avoid serious injury, read instructions & NAR Safety Code included with engines.

**PREPARE YOUR ENGINE ONLY WHEN YOU ARE OUTSIDE AT THE LAUNCH SITE PREPARING TO LAUNCH!**

If you do not use your prepared engine, remove the igniter before storing your engine.





## COUNTDOWN AND LAUNCH

**KEY  
ALWAYS  
OUT UNTIL FINAL  
COUNTDOWN!**

**CAUTION:** In order for the AGM-86™ Cruise Missile to launch safely, the wings must be in line with the rocket body.

## ESTES LAUNCH SUPPLIES

(Sold Separately)

- Recovery Wadding (included with some Estes Engines)
- Igniters (with Engines)
- Igniter Plugs (with Engines)
- Recommended Engines: A3-4T, A10-3T

**1...**

MASKING  
TAPE

**IMPORTANT:** Make sure wings are folded in before launching.

**2...**

**3...**

**4...**

**5...**

4... 3... 2... 1...

**HOLD KEY DOWN AND  
PRESS LAUNCH BUTTON  
UNTIL LIFT-OFF!**

## PRECAUTIONS

NAR Safety Code



**NO DRY GRASS  
OR WEEDS**

## FLYING YOUR ROCKET

Choose a large field (250 ft. [76 m] square) free of dry weeds and brown grass. The larger the launch area, the better your chance of recovering your rocket. Football fields and playgrounds are great. Launch only with little or no wind and good visibility. Always follow the National Association of Rocketry (NAR) SAFETY CODE.

## MISFIRES

TAKE THE KEY OUT OF THE CONTROLLER. WAIT ONE MINUTE BEFORE GOING NEAR THE ROCKET! Disconnect the igniter clips. Take the plug and igniter out of the engine. If the igniter has burned, it worked but did not ignite the engine because it was not touching the propellant inside the engine. Put a new igniter all the way inside the engine without bending it. Push the plug in place. Repeat the steps under Countdown and Launch.

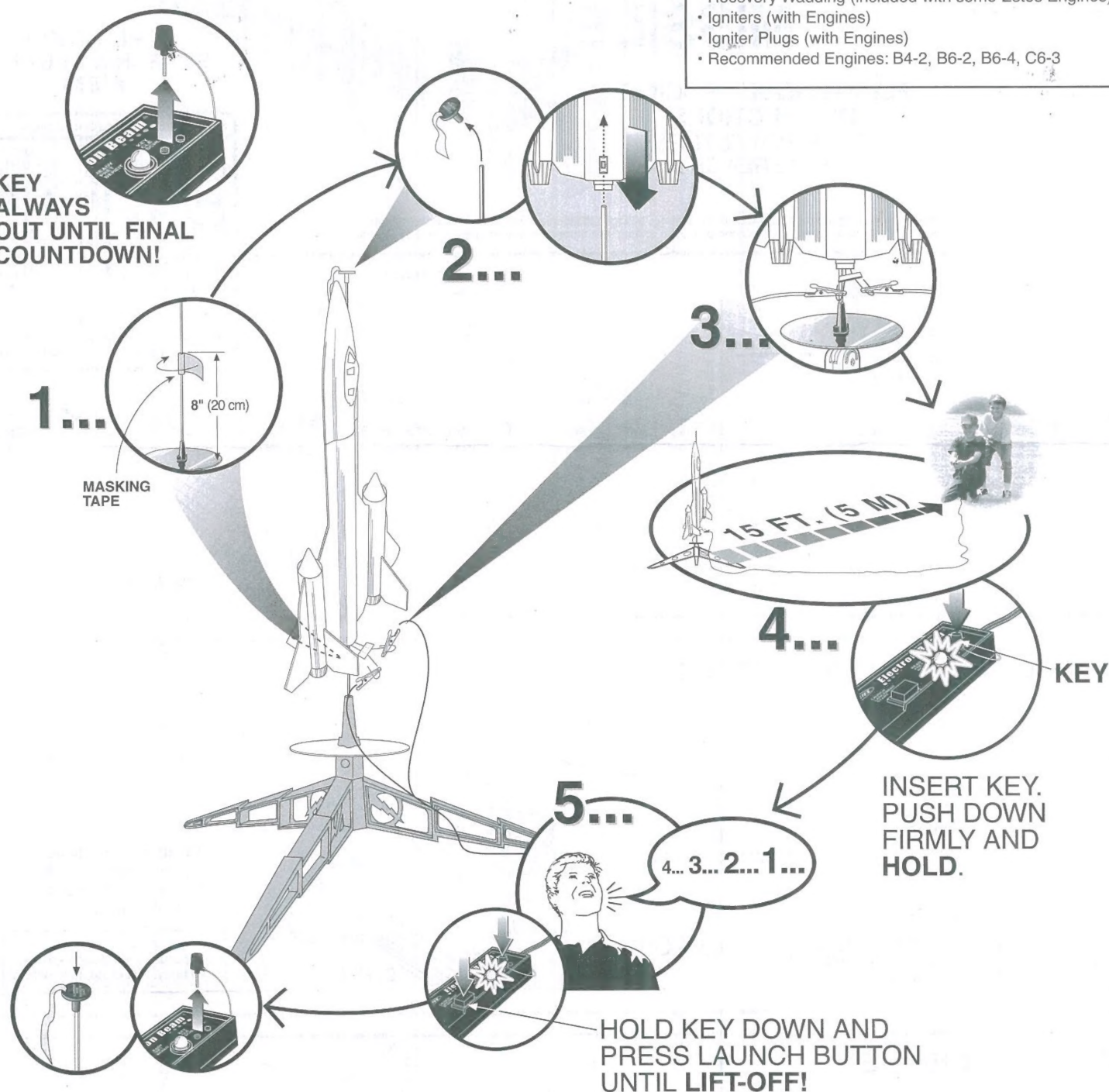


## COUNTDOWN AND LAUNCH

**KEY  
ALWAYS  
OUT UNTIL FINAL  
COUNTDOWN!**

**ESTES LAUNCH SUPPLIES** (Sold Separately)

- Recovery Wadding (included with some Estes Engines)
- Igniters (with Engines)
- Igniter Plugs (with Engines)
- Recommended Engines: B4-2, B6-2, B6-4, C6-3



## PRECAUTIONS

NAR Safety Code



NO DRY GRASS  
OR WEEDS

## FLYING YOUR ROCKET

Choose a large field (500 ft. [152 m] square) free of dry weeds and brown grass. The larger the launch area, the better your chance of recovering your rocket. Football fields and playgrounds are great. Launch only with little or no wind and good visibility. Always follow the National Association of Rocketry (NAR) SAFETY CODE.

## MISFIRES

TAKE THE KEY OUT OF THE CONTROLLER. WAIT ONE MINUTE BEFORE GOING NEAR THE ROCKET! Disconnect the igniter clips and remove engine. Take the plug and igniter out of the engine. If the igniter has burned, it worked but did not ignite the engine because it was not touching the propellant inside the engine. Put a new igniter all the way inside the engine without bending it. Push the plug in place. Repeat the steps under Countdown and Launch.